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**Amendments to the Specification**

Please amend the paragraph at page 10, lines 11-25, in the following manner:

The ultrasonic probe 101 according to embodiment 1 is a body cavity use ultrasonic probe ~~formed of~~ comprising a handle portion and an insert portion (herein after will be called an insert section) and is constituted in such a manner that the vibrator elements 104 are disposed around the entire circumference of the tip of the insert section. In particular, as shown in FIG. 1, the ultrasonic probe 101 according to embodiment 1 is constituted in such a manner that a plurality of vibrator elements are arranged in parallel on the outer circumference of the insert section in the direction along the center axis to form a vibrator group and the vibrator group is disposed over the entire 360 degree circumference around the center axis of the insert section, in that with reference to the center axis.

Please amend the paragraph bridging pages 14 and 15, in the following manner:

FIG. 3 is a diagram for explaining the change over operation of the connection change over switch 105 in the ultrasonic diagnostic apparatus according to embodiment 1, and, in particular, FIG. 3(a) is a diagram for explaining an instance when the address of ultrasonic wave transmission and reception direction is 0 (zero), and FIG. 3(b) is a diagram for explaining an instance when the address of ultrasonic wave transmission and reception direction is 1. As shown in Figs. 3(a) and 3(b), the vibrator elements are assigned consecutive ID numbers. Although in the arrangement of the vibrator elements as shown in FIGS. 3(a) and (b), the vibrator elements from the 129th to the 128th are arranged in one direction, in an actual arrangement, the 128th vibrator is of course arranged adjacent to the 129th vibrator on an circular circumference. Further, in the present embodiment, the upper most address of the transmission and reception direction is ~~[[255]]~~ 256.

Please amend the paragraph bridging pages 20 and 21, in the following manner:

When inserting the ultrasonic probe according to embodiment 1 into a body cavity such as a rectum or into a ~~gaster~~ stomach via an esophagus, ultrasonic images of entire 360 degree circumference can be obtained in real time, the examiner can easily grasp the situation of disease, the time required for diagnosis can be reduced and the diagnostic efficiency can be enhanced as well as the load to a subject can be reduced.

Please amend the paragraphs at page 22, lines 7-20, in the following manner:

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FIG. 6 is a view for explaining ultrasonic wave images obtained by the ultrasonic diagnostic apparatus according to embodiment 1, and, in particular, a schematic view of an image (display field area 61) obtained when inserting the ultrasonic probe according to embodiment 1 into a ~~gaster~~ stomach via an esophagus and measured an ultrasonic tomogram and a two dimensional blood flow image.

In this instant measurement, after introducing the tip portion of the insert section of the ultrasonic probe (shown in Fig. 6 at probe tip region 62) into the ~~gaster~~ stomach, the ~~gaster~~ stomach wall 63 of plural layer structure was observed as well as blood flow kinetics (64) flowing through blood vessels in the ~~gaster~~ stomach wall was observed.